

Title (en)  
METAL AZO PIGMENTS

Title (de)  
METALLAZOPIGMENTE

Title (fr)  
PIGMENTS AZOÏQUES MÉTALLIQUES

Publication  
**EP 3222675 A1 20170927 (DE)**

Application  
**EP 17158626 A 20170301**

Priority  
EP 16161854 A 20160323

Abstract (en)  
[origin: JP2017171914A] PROBLEM TO BE SOLVED: To provide metal azo pigments.SOLUTION: Novel yellow metal azo pigments based on at least two metal azo compounds which differ at least in the type of metal have both improved dispersion properties and improved color strengths and are of excellent suitability for pigmentation of pigment preparations for a broad field of use.SELECTED DRAWING: None

Abstract (de)  
Die neuen gelben Metallazopigmente auf Basis mindestens zweier Metallazoverbindungen, die sich mindestens in der Art des Metalls voneinander unterscheiden, besitzen sowohl verbesserte Dispergiereigenschaften als auch verbesserte Farbstärken und eignen sich hervorragend zur Pigmentierung von Pigmentpräparationen für ein breites Anwendungsgebiet.

IPC 8 full level  
**C09B 45/18** (2006.01); **C09B 45/22** (2006.01); **C09B 67/04** (2006.01); **C09B 67/22** (2006.01); **C09B 67/48** (2006.01)

CPC (source: CN EP KR US)  
**C08K 5/0091** (2013.01 - CN US); **C09B 45/01** (2013.01 - CN); **C09B 45/18** (2013.01 - EP US); **C09B 45/22** (2013.01 - CN EP KR US); **C09B 45/48** (2013.01 - US); **C09B 45/485** (2013.01 - US); **C09B 67/0002** (2013.01 - EP US); **C09B 67/0029** (2013.01 - EP US); **C09B 67/0051** (2013.01 - EP US); **C09B 67/0065** (2013.01 - CN); **C09B 67/0079** (2013.01 - CN); **C09D 5/028** (2013.01 - CN KR); **C09D 7/41** (2017.12 - EP US); **C09D 11/037** (2013.01 - CN EP KR US); **C09D 11/322** (2013.01 - CN EP KR US); **C09D 11/328** (2013.01 - KR); **G02B 5/20** (2013.01 - CN KR); **G02B 5/223** (2013.01 - EP US); **G02F 1/133514** (2013.01 - KR); **G02F 1/133516** (2013.01 - US); **G03F 7/0007** (2013.01 - EP KR US); **G03F 7/004** (2013.01 - CN); **G03F 7/0042** (2013.01 - US); **G03F 7/028** (2013.01 - US); **G03F 7/105** (2013.01 - EP KR US); **G03F 7/16** (2013.01 - US); **G03F 7/2004** (2013.01 - US); **G03F 7/26** (2013.01 - KR); **G03F 7/32** (2013.01 - US)

Citation (search report)  
• [A] EP 2682434 A1 20140108 - LANXESS DEUTSCHLAND GMBH [DE]  
• [AD] EP 1591489 A1 20051102 - LANXESS DEUTSCHLAND GMBH [DE]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3222675 A1 20170927**; **EP 3222675 B1 20180829**; CN 107227040 A 20171003; CN 107227040 B 20191115; EP 3222673 A1 20170927; ES 2690762 T3 20181122; HU E041991 T2 20190628; JP 2017171914 A 20170928; JP 6479871 B2 20190306; KR 102323629 B1 20211108; KR 20170110544 A 20171011; TW 201807077 A 20180301; TW I730069 B 20210611; US 10059844 B2 20180828; US 2017275468 A1 20170928

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**EP 17158626 A 20170301**; CN 201710180711 A 20170323; EP 16161854 A 20160323; ES 17158626 T 20170301; HU E17158626 A 20170301; JP 2017055772 A 20170322; KR 20170037183 A 20170323; TW 106109271 A 20170321; US 201715463174 A 20170320